



Approved for use through 07/31/2006. OMB 0651-0031
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449 A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/757,516
Filing Date	January 15, 2004
First Named Inventor	Craig C. HANSEN, et al.
Group Art Unit	2183
Examiner Name	COLEMAN, ERIC
Attorney Docket Number	043876-0155

Sheet	1	of	5
-------	---	----	---

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,327,369	07-05-1994	Ashkenazi	
		US-5,390,135	02-14-1995	Lee	
		US-5,448,509	09-05-1995	Lee	
		US-5,467,131	11-14-1995	Bhaskaran	
		US-5,541,865	07-30-1996	Ashkenazi	
		US-5,590,350	12-31-1996	Gutttag	
		US-5,883,824	03-16-1999	Lee	
		US-6,058,465	05-02-2000	Nguyen	
		US-5,222,215	06-22-1993	Chou et al.	
		US-5,542,075	07-30-1996	Ebcioğlu et al.	
		US-6,538,657	03-25-2003	Kabir et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code3 Number 4- Kind Code5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	*6
		WO 93/01543 (PCT/US92/05720 - filed July 8, 1992)	01-21-1993	Garg et al.		

Examiner Signature	/Eric Coleman/	Date Considered	07/30/2008
-----------------------	----------------	--------------------	------------

*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St.16 if possible. 6 Applicant is to place a check mark here if English language translation is attached. The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. Send To Commissioner For Patents, P. O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.C./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449-A/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/757,516
			Filing Date	January 15, 2004
			First Named Inventor	Craig C. HANSEN, et al.
			Group Art Unit	2183
			Examiner Name	COLEMAN, ERIC
			Attorney Docket Number	043876-0155
Sheet	2	of	5	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issued number(s), publisher, city and/or country where published.	1 ²
		<u>MU v. DELL & INTEL</u> 2/25/05 Defendant Dell Inc.'s Amended Answer, Affirmative Defenses, and Counterclaims to Plaintiff's First Amended Complaint (<i>MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation</i> ; C.A. No. 2-04-cv-120; U.S.D.C., E.D. Texas, Marshall Division)	
		2/25/05 Defendant Intel Corporation's Amended Answer, Affirmative Defenses, and Counterclaims to Plaintiff's First Amended Complaint (<i>MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation</i> ; C.A. No. 2-04-cv-120; U.S.D.C., E.D. Texas, Marshall Division)	
		3/9/05 Joint Claim Construction and Prehearing Statement with Exhibits A through F-2 (<i>MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation</i> ; C.A. No. 2-04-cv-120; U.S.D.C., E.D. Texas, Marshall Division)	
		4/11/05 MicroUnity Systems Engineering, Inc.'s Opening Brief Regarding Claim Construction Pursuant to Patent Local Rule 4-5(a) and Exhibits A-1 (<i>MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation</i> ; C.A. No. 2-04-cv-120; U.S.D.C., E.D. Texas, Marshall Division)	
		4/26/05 Supplement to Plaintiff MicroUnity Systems Engineering, Inc.'s Opening Brief Regarding Claim Construction (submitting a corrected page 41) (<i>MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation</i> ; C.A. No. 2-04-cv-120; U.S.D.C., E.D. Texas, Marshall Division)	
		5/12/05 Dell, Inc. and Intel Corporation's Responsive Brief Regarding Claim Construction Pursuant to Patent Local Rule 4-5(b) (<i>MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation</i> ; C.A. No. 2-04-cv-120; U.S.D.C., E.D. Texas, Marshall Division)	
		5/25/05 MicroUnity's Reply Brief Regarding Claim Construction Pursuant to Patent Local Rule 4-5(c) (<i>MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation</i> ; C.A. No. 2-04-cv-120; U.S.D.C., E.D. Texas, Marshall Division)	
		6/9/05 Intel and Dell's Surreply Brief Regarding Claim Construction (<i>MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation</i> ; C.A. No. 2-04-cv-120; U.S.D.C., E.D. Texas, Marshall Division)	
		<u>MU v. SCEA</u> 2/14/06 SCEA's Answer, Affirmative Defenses, and Counterclaim to MicroUnity's Original Complaint (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> ; 2:05-cv-505; USDC for the Eastern District of Texas, Marshall Division)	
		5/1/07 Exhibits A-2, E-2 and F-2 to SCEA's Supplemental Invalidity Contentions, previously marked Outside Counsel Eyes Only, but now released (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> ; 2:05-cv-505; USDC for the Eastern District of Texas, Marshall Division)	
		7/11/07 SCEA's Second Amended Answer, Affirmative Defenses, And Counterclaims to MicroUnity's First Amended Complaint (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> ; 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)	
		7/11/07 P.R. 4-3 Joint Claim Construction Statement (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> ; 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)	
Examiner Signature	/Eric Coleman/		Dated Considered 07/30/2008

*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. Send To Commissioner For Patents, P. O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.C./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449-A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/757,516
		Filing Date	January 15, 2004
		First Named Inventor	Craig C. HANSEN, et al.
		Group Art Unit	2183
		Examiner Name	COLEMAN, ERIC
		Attorney Docket Number	043876-0155
Sheet	3	of	5

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issued number(s), publisher, city and/or country where published.	T ²
	7/25/07 MU's Answer to SCEA's Second Amended Counterclaim in Response to MU's First Amended Complaint (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> , 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)		
	8/24/07 MU's LRP 4-5(a) Opening Brief on Claim Construction, and Exhibits 1-14 (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> , 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)		
	9/12/07 SCEA's Responsive Brief Regarding Claim Construction Pursuant to P.R. 4-5(b), and Exhibits 1-34 (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> , 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)		
	9/13/07 SCEA's Unopposed Motion to Supplement P.R. 4-3 Joint Claim Construction Statement, and Proposed Order (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> , 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)		
	9/13/07 Notice of Filing of P.R. 4-5(d) Joint Claim Construction Chart, and Exhibit 1 (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> , 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Div)		
	9/14/07 Order Granting SCEA's Unopposed Motion to Supplement P.R. 4-3 Joint Claim Construction Statement (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> , 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)		
	9/17/07 LRP 4-5(c) Reply Brief on Claim Construction from MicroUnity Systems Engineering, Inc., and Exhibits 15 and 16 (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> , 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)		
	9/20/07 Transcript of Claim Construction Hearing Before the Honorable T. John Ward United States District Judge (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> , 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)		
	10/15/07 SCEA's Motion for Partial Summary Judgment of Invalidity for U.S. Patent Nos. 6,643,765 and 6,725,356, and Proposed Order, and Exhibits A-U (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> , 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)		
	10/29/07 MU's Response Brief in Opposition to Sony's Motion for Partial Summary Judgment of Invalidity of U.S. Patent Nos. 6,643,765 and 6,725,356, and Proposed Order (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> , 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)		
	10/29/07 Declaration of Michael Heim in Support of MU's Response Brief in Opposition to Sony's Motion for Partial Summary Judgment of Invalidity of U.S. Patent Nos. 6,643,765 and 6,725,356, and Exhibits A-P (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> , 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)		
	11/6/07 Order Granting Joint Motion to Stay Litigation Pending Settlement (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> , 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)		
	12/12/07 Order of Dismissal with Prejudice and Final Judgment (<i>MicroUnity Systems Engineering, Inc. v. Sony Computer Entertainment America, Inc.</i> , 2:05-cv-505, U.S.D.C., E.D. Texas, Marshall Division)		

Examiner Signature	/Eric Coleman/	Dated Considered	07/30/2008
--------------------	----------------	------------------	------------

*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. Send To Commissioner For Patents, P. O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.C./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/757,516
		Filing Date	January 15, 2004
		First Named Inventor	Craig C. HANSEN, et al.
		Group Art Unit	2183
		Examiner Name	COLEMAN, ERIC
Sheet	4	of	5
		Attorney Docket Number	043876-0155

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issued number(s), publisher, city and/or country where published.	T‡
		MU v. AMD 8/6/07 AMD's Invalidity Contentions Under Patent Rule 3-3, and Exhibits A-I (<i>MicroUnity Systems Engineering, Inc. v. Advanced Micro Devices, Inc.</i> , 2:06-cv-486, U.S.D.C., E.D. Texas, Marshall Division)	
		9/5/07 AMD's Supplemental and Consolidated Invalidity Contentions – LPR 3-3, and Exhibits A-L (<i>MicroUnity Systems Engineering, Inc. v. Advanced Micro Devices, Inc.</i> , 2:06-cv-486, U.S.D.C., E.D. Texas, Marshall Division)	
		9/13/07 First Amended Complaint, and Exhibits A-K (<i>MicroUnity Systems Engineering, Inc. v. Advanced Micro Devices, Inc.</i> , 2:06-cv-486, U.S.D.C., E.D. Texas, Marshall Division)	
		10/1/07 AMD's Answer to First Amended Complaint (<i>MicroUnity Systems Engineering, Inc. v. Advanced Micro Devices, Inc.</i> , 2:06-cv-486, U.S.D.C., E.D. Texas, Marshall Division)	
		1/8/08 Order of Dismissal With Prejudice and Final Judgment (<i>MicroUnity Systems Engineering, Inc. v. Advanced Micro Devices, Inc.</i> , 2:06-cv-486, U.S.D.C., E.D. Texas, Marshall Division)	
		The AMD-K6 3D Processor: Revolutionary Multimedia Performance , Ed. H. Kalish and J. Isaac, Abacus (1998)	
		BIT Data Sheet - Product Summary: B3110/B3120/B2110/B2120 Floating Point Chip Set, Bipolar Integrated Technology, Inc. (Dec. 1986)	
		Colwell et al., "Architecture and Implementation of a VLIW Supercomputer," <i>IEEE</i> , 910-19 (1990)	
		Colwell et al., "A VLIW Architecture for a Trace Scheduling Compiler," <i>IEEE Transactions on Computers</i> , vol.37, no.8, 967-79 (Aug. 1988)	
		Foley, "The Mpaact™ Media Processor Redefines the Multimedia PC," <i>Proceedings of COMPCON Spring '96</i> , <i>IEEE</i> , 311-18 (1996)	
		Gwennap, "UltraSPARC Adds Multimedia Instructions," <i>Microprocessor Report</i> , vol.8, no.6, 1-3 (Dec. 5, 1994), MicroDesign Resources © (1994)	
		Hansen, "MicroUnity's MediaProcessor Architecture," <i>IEEE Micro</i> (Aug. 1996)	
		Hwang et al., <i>Computer Architecture and Parallel Processing</i> , McGraw Hill Book Co., Singapore (1988) (7 pages)	
		IEEE Standard for Scalable Coherent Interface (SCI), IEEE Std 1596-1992, © (1993)	
		"Intel MMX™ Technology Overview," Intel Corp. (Mar. 1996)	
		Kissell, "The Dead Supercomputer Society – The Passing of A Golden Age?," www.paralogos.com/DeadSuper/ (1998)	
		Kuck, "The Structure of Computers and Computation: Volume 1," John Wiley & Sons, Inc. (1978)	
		Lowney et al., "The Multiflow Trace Scheduling Compiler," (Oct. 30, 1992)	
		"MIPS Digital Media Extension" (MDMX), rev. 1.0, C-1 to C-40	
		"Multimedia Extension Unit for the X86 Architecture," Compaq Computer Corp., Revision 0.8b (Jun. 20, 1995)	
		"PA-RISC 2.0 Architecture and Instruction Set Reference Manual," Hewlett-Packard Co. (1995)	
		Rathnam et al., "An Architectural Overview of the Programmable Multimedia Processor, TM-1," <i>Proceedings of COMPCON '96</i> , IEEE (Spring 1996)	
		Rubinfeld, et al., "Motion Video Instruction Extensions for Alpha," Semiconductor Eng'g Group (Oct. 18, 1996)	

Examiner Signature	/Eric Coleman/	Dated Considered	07/30/2008
--------------------	----------------	------------------	------------

*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with text communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. Send To Commissioner For Patents, P. O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.C./

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/757,516
Filing Date	January 15, 2004
First Named Inventor	Craig C. HANSEN, et al.
Group Art Unit	2183
Examiner Name	COLEMAN, ERIC
Attorney Docket Number	043876-0155

Sheet	5	of	5
-------	---	----	---

[illegible]

Examiner
Signature

/Eric Coleman/

Dated	
Considered	

07/30/2008

EXAMINER: Initial reference considered, whether or not citation is in conformance with MPPEP 609. Draw line through citation if not in conformance and not considered. Include copy of the form with next communication to applicant. Applicant's unit or classification designation number (optional). 2. Applicant is to place a check mark here if English language Translation is attached. This collection of information is governed by 35 C.F.R. 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is a file (and in the USPTO to process) an application. Confidentiality is required by 35 U.S.C. 122 and 37 C.F.R. 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. Send To Commissioner For Patents, P. O. Box 1450, Alexandria, VA 22313-1450.** If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.C./